

CM We Claim:

Sub B1
1. A method for treating corneal haze as an artifact of incident laser irradiation and resulting photoablation of corneal tissue comprising:

applying to the affected eye, a therapeutically effective amount of a composition comprising a wound healing modulator.

Sub B2
2. The method of claim 1 wherein the wound healing modulator is selected from the group consisting of: steroids, growth factors, basement membrane components, anti-oxidants, regulators of collagen structure, aldose reductase inhibitors, nonsteroidal antiinflammatories, immunomodulators, antiallergics, fatty acid derivatives which are products of the arachidonic acid cascade and antimicrobials.

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3. The method of claim 1 wherein the wound healing modulator comprises a steroid.

Sub B3
4. The method of claim 3 wherein the steroid is present at a concentration of about 0.1 to 4.0 wt.%.

5. The method of claim 4 wherein the steroid is dexamethasone.

Sub B4
6. The method of claim 4 wherein the steroid is prednisolone.

7. The method of claim 4 wherein the steroid is fluorometholone.

8. The method of claim 1 wherein the wound healing modulator comprises a growth factor.

9. The method of claim 8 wherein the growth factor is selected from the group consisting of: EGF, FGF, TGF, TGF, NGF, IGF and PDGF.

10. The method of claim 9 wherein the growth factor is EGF.

11. The method of claim 1 wherein the wound healing modulator comprises a basement membrane component.

12. The method of claim 11 wherein the basement membrane component is selected from the group consisting of: heparin, heparin sulfate, fibronectin, laminin, vinculin, gelatin, glycosaminoglycans and collagen.

13. A composition for treating corneal haze resulting from photoablation of the cornea during ophthalmic surgery, comprising:

a therapeutically effective amount of a wound healing modulator and a pharmaceutically acceptable carrier therefor.

14. The composition of claim 13 wherein the wound healing modulator is selected from the group consisting of: steroids, growth factors, basement membrane components, anti-oxidants, regulators of collagen structure, aldose reductase inhibitors, nonsteroidal antiinflammatories, immunomodulators, antiallergics, fatty acid derivatives which are products of the arachidonic acid cascade and antimicrobials.

15. The composition of claim 13 wherein the wound healing modulator comprises a steroid.

16. The composition of claim 15 wherein the steroid is present at a concentration of between about 0.1 and 4.0 wt.%.

17. The composition of claim 16 wherein the steroid is dexamethasone.

18. The composition of claim 16 wherein the steroid is prednisolone.

19. The composition of claim 16 wherein the steroid is fluorometholone.
20. The composition of claim 13 wherein the wound healing modulator comprises a growth factor.
21. The composition of claim 20 wherein the growth factor is selected from the group consisting of: EGF, FGF, TGF α , TGF β , NGF, IGF and PDGF.
22. The composition of claim 21 wherein the growth factor is EGF.
23. The composition of claim 13 wherein the wound healing modulator comprises a basement membrane component.
24. The composition of claim 23 wherein the basement membrane component is selected from the group consisting of: heparin, heparin sulfate, fibronectin, laminin, vinculin, gelatin, glycosaminoglycans and collagen.